

A useful jaw crusher RFQ should describe the crushing duty, not only ask for a general price.

The information below helps convert a rough inquiry into a model-selection basis for PE, PEX, mini, mobile or stationary jaw crusher configuration.



Application reference image: site review and material discussion before crusher selection.

Why RFQ data matters

Jaw crusher model selection depends on material hardness, feed lump size, required capacity, output range and installation arrangement. When these details are missing, a quotation may look fast but the recommended model can still be wrong for the real site condition.

Material type

Determines hardness, abrasiveness and wear-part review

Required capacity

Defines model scale, motor power and line balance

Crushing stage

Confirms primary, secondary or fine crushing duty

Power supply

Confirms motor voltage, frequency and local compatibility

Maximum feed size

Controls feed-opening selection and blockage risk

Required discharge size

Affects PE / PEX selection and screen matching

Plant type

Defines stationary, mobile or mini configuration

Spare parts

Supports start-up and maintenance planning

RFQ to quotation route

1 RFQ data

Material, feed size, capacity and discharge target.

2 Duty review

Primary, secondary, mobile or fixed arrangement.

3 Model direction

PE, PEX, mini, mobile or stationary route.

4 Scope check

Motor, feeder, conveyor, spares and packing.

5 Quotation

Technical proposal and commercial offer.

RFQ principle

The goal of this sheet is to help the buyer submit a technically useful inquiry. A short message such as Please send jaw crusher price rarely gives enough information. A better inquiry defines the material, maximum feed size, capacity target, discharge range, plant type and power supply before the supplier recommends a model.

What this PDF is not

This sheet is not a promotional brochure and it is not a final engineering design. It is a structured RFQ guide that improves the first quotation round and reduces unnecessary back-and-forth clarification before technical proposal preparation.

This page is the core RFQ form. The buyer can fill in the blank column and send it with material photos or a site layout sketch.

Filling instruction

Use actual project values where possible. If an exact value is not available, provide the closest known range and clearly mark it as preliminary. Maximum feed size and discharge target should be treated as required inputs because they directly influence the model direction.

Required Information	Customer Input	Example / Notes
Material to be crushed		Granite, basalt, limestone, ore, concrete
Maximum feed size		Actual largest lump size, not average size
Required capacity		20 t/h, 100 t/h, 450 t/h, etc.
Required discharge size		20-60 mm, 65-160 mm, etc.
Crushing stage		Primary, secondary or fine crushing
Feeding method		Vibrating feeder, manual feeding or conveyor
Downstream equipment		Screen, cone crusher, impact crusher or conveyor
Working hours per day		8 h, 16 h or continuous operation
Site condition		Quarry, mine, recycling yard or road project
Installation type		Stationary, mobile or mini plant
Power supply		Voltage, frequency and phase
Destination country / port		Used for packing and shipment review
Spare parts required		Jaw plates, toggle plate, bearings, liners

Form note

Material photos, gradation data, layout sketches and downstream product targets are not mandatory for every inquiry, but they significantly improve quotation accuracy when available.

The supplier uses RFQ data to narrow the crusher family before confirming the detailed model.



Factory reference image: assembled jaw crusher under workshop review.

Decision route

Material -> Feed size -> Capacity -> Discharge size -> Crusher type -> Quotation scope. The route is simple, but each step must be based on real site data, not on a model name copied from another project.

Selection caution

A crusher type may look suitable in a table but still require revision after reviewing the actual material. High abrasiveness, clay content, feeding instability, strict final aggregate size or transport restrictions can change the recommended model, motor power, spare-parts package and auxiliary-equipment scope.

How to read the matrix

The matrix does not replace final engineering confirmation. It explains how typical customer conditions usually point toward PE, PEX, mini, mobile or stationary jaw crusher solutions before the detailed model is selected.

Customer Condition	Recommended Direction	Review Note
Large feed size, first crushing stage	PE Jaw Crusher	Primary coarse crushing with larger feed opening
Smaller feed, tighter output control	PEX Jaw Crusher	Secondary or fine crushing with closer discharge range
Small capacity, limited site space	Mini Jaw Crusher	Compact project, sample crushing or small batch work
Temporary site or frequent relocation	Mobile Jaw Crusher	Integrated relocation with feeder and conveyor arrangement
Long-term quarry or mining plant	Stationary Jaw Crusher	Stable foundation and continuous production line
High hardness or abrasive stone	Heavier-duty model and wear-parts review	Jaw plate material, liner wear and maintenance plan matter
Strict final aggregate size	Discharge setting and screen-match review	Crusher setting alone does not define final product size

Engineering reminder

The recommended direction is only the first filter. Final model confirmation should consider the actual largest feed lump, expected feed continuity, operating hours per day, moisture or clay condition, downstream screen opening, available foundation and local power supply. If several conditions are uncertain, the quotation should clearly state the assumptions used for model selection.

After the basic crusher family is narrowed, review the duty route and the practical restrictions that may change the quotation scope.

1 PE route

Primary coarse crushing with larger feed opening and higher first-stage reduction duty.

2 PEX route

Secondary or finer crushing where feed is smaller and discharge control is more important.

3 Mobile route

Temporary or multi-site work where integrated relocation matters more than fixed-plant permanence.

4 Stationary route

Long-term quarry or mine production where civil foundation and plant integration are stable.

Route review method

Start from the duty route, then confirm whether the project is actually constrained by feed size, mobility, plant footprint, power supply or final aggregate requirement. These constraints can make two similar inquiries require different quotations.

Possible Missing Data	Quotation Risk	How to Improve
Only asking for jaw crusher price	Quotation basis unclear	Provide material, feed size, capacity and discharge size
Average feed size only	Feed opening may be undersized	Provide the actual maximum lump size
Capacity without working condition	Model may be under or over selected	Add hardness, moisture, feeding method and operating hours
No discharge target	Wrong PE / PEX route possible	Confirm required output range and downstream screen
No power supply data	Motor and control configuration unclear	Provide voltage, frequency and phase

Route decision note

A PE route normally focuses on larger inlet size and primary reduction. A PEX route normally focuses on smaller feed and closer discharge control. A mobile route should only be selected when relocation or integrated site deployment is a real requirement. A stationary route is usually better for long-term quarry or mining production where foundation and downstream equipment can be fixed.

A complete quotation should clarify what is included, what is optional and what must be confirmed before shipment.



Shipment reference image: equipment and packed items prepared for loading.

Scope principle

The main crusher is only one part of the quotation. Motor, base frame, feeder, conveyor, electric control, spare parts, packing method and documents should be confirmed early when the project requires a complete crushing solution.

Quotation Scope	Confirmed	Notes
Main jaw crusher machine	☐	Model and configuration
Motor and drive system	☐	Voltage, frequency and motor basis
Base frame / support structure	☐	Confirm whether included in scope
Feeding equipment	☐	Vibrating feeder if required
Discharge conveyor	☐	Confirm belt width and length if required
Electric control cabinet	☐	Confirm whether included in quotation
Spare jaw plates	☐	Optional or required spare set
Toggle plate / bearings / liners	☐	Spare-parts package review
Export packing method	☐	Container loading, wooden support and fixing
Documents and loading photos	☐	Packing list, inspection record, spare-parts list

Scope review method

Read the quotation line by line and separate confirmed supply items from optional items. For example, the bare jaw crusher machine, motor and drive system may be included, while feeder, conveyor, electric control cabinet or spare parts may be quoted separately depending on project scope.

Pre-shipment link

For export orders, RFQ information should also connect with packing and delivery review. Destination port, package method, spare-parts list and required loading photos can affect the final quotation scope.

Commercial clarity note

If the buyer needs only the bare crusher machine, state it clearly. If the buyer expects a crushing line package, the RFQ should specify whether feeder, conveyor, control cabinet, spare parts and installation support are required. This prevents quotation gaps and later price revisions, especially when different suppliers quote different equipment boundaries.

This final page checks whether the inquiry is complete enough for a useful model recommendation and quotation.

Before Sending RFQ	OK
Material type confirmed	☐
Maximum feed size confirmed	☐
Capacity target confirmed	☐
Discharge size confirmed	☐
Crushing stage confirmed	☐
Plant type confirmed	☐
Power supply confirmed	☐
Spare-parts requirement confirmed	☐
Destination and packing requirement confirmed	☐

Good inquiry example

Material is granite. Maximum feed size is about 500 mm. Required capacity is 100 t/h. Target discharge size is 40-80 mm. The crusher will work as the primary machine in a stationary aggregate line. Power supply is 380V / 50Hz / 3 phase. Spare jaw plates are required.

Recommended RFQ message structure

Material: Granite / basalt / limestone / ore / concrete

Max feed size: ____ mm

Required capacity: ____ t/h

Required discharge size: ____ mm

Crushing stage: Primary / secondary / fine crushing

Plant type: Stationary / mobile / mini

Power supply: ____ V / ____ Hz / ____ phase

Destination: Country / port / project location

Final RFQ principle

A well-prepared RFQ does not need to be long, but it must contain the right technical fields. The buyer should provide the operating condition first, and then ask the supplier to recommend the suitable model and scope. This produces a more useful quotation than comparing isolated model prices.

Buyer-side checklist before sending

Confirm whether the inquiry is for a single jaw crusher machine or a complete crushing section. Confirm whether the capacity target is for one hour under normal feeding or a peak value. Confirm whether the discharge size is the crusher setting range or the final aggregate size after screening. These details reduce misunderstanding and help the supplier respond with a technically grounded proposal.